November 6, 2006

#### **VIA CERTIFIED MAIL**

Mary Logan U S EPA Region V (SR-6J) 77 W Jackson Boulevard Chicago, IL 60604-3590

**RUTGERS Organics Corporation** 

Sheila Abraham Ohio EPA - NE District Office Div Of Emergency & Remedial Response 2110 East Aurora Road Twinsburg, OH 44087

Remedial Response Section Manager Ohio EPA - DERR P O Box 1049 Lazarus Government Center Office 122 South Front Street Columbus, OH 43216-1049

Re: OCTOBER 2006 MONTHLY REPORT

RI/FS & REMEDIAL DESIGN & REMOVAL ACTION

**NEASE CHEMICAL SITE** 

SALEM, OHIO

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the October 2006 RI/FS Progress Report. This report also includes the monthly progress report for the remedial design (OU-2) in accordance with Paragraph X of the Administrative Order on Consent, effective as of May 10, 2006.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed November 17, 1993, attached is a copy of the October 2006 Removal Action Progress Report

Please contact us if you have any questions regarding activities discussed in these reports

Sincerely,

Or Rainer F Domalski

Site Coordinator

**Enclosures** 

cc M Hardy/Heidi Goldstein – Thompson Hine Steve Finn – Golder Associates, Inc

110606

201 Struble Road State College, PA 16801

Phone 814-238-2424 Fax 814-238-1567 web-site http RUETGERS-ORGANICS-CORPCOM

Member of the RUTGERS Chemicals Group



# NEASE CHEMICAL SITE, SALEM, OHIO REMEDIAL INVESTIGATION/FEASIBILITY STUDY REMEDIAL DESIGN (OU-2) MONTHLY PROGRESS REPORT OCTOBER 2006

#### 1. INTRODUCTION

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent (AOC) regarding a Remedial Investigation/Feasibility Study (RI/FS) and Paragraph X of the Administrative Order on Consent regarding the Remedial Design (RD/OU-2) of the Nease Chemical Site in Salem, Ohio. The report summarizes the major RI/FS and RD actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented.

#### 2 SUMMARY OF ACTIVITIES PERFORMED

#### 2 1 PROJECT ACTIVITY SUMMARY

The activities that were initiated and/or completed during the month are described All activities were performed in accordance with the detailed protocol provided in the approved Work Plan

#### 22 FIELDWORK

#### 221 RI/FS

The taken floodplain samples are still waiting to analyzed. Currently, discrepancies in the analytical methods from Ohio EPA and ROC are under review.

#### 2 2.2 RD (OU-2)

According with the PDI workplan the following work was accomplished during this month

- Southern Area Groundwater Assessment Phase III temporary wells (locations proposed to the agencies on September 29, 2006, and subsequently approved). Two of the locations are off-site. An access agreement for one site was obtained The installation of the wells commenced on October 31, 2006 (TW06-20)
- Groundwater Monitoring Wells Based on data collected from the wells M-VF1 and M-VF2 an additional location was proposed to the agencies and subsequently approved A groundwater sample from this new location was collected on October 30, 2006
- Eastern Area Groundwater Assessment An additional temporary well (TW06-19) was installed on October 30, 2006
- Soil Conditions The current soil cover of the old pond as well as surface soil was sampled for mirex analysis. Also geotechnical investigation occurred at the former ponds by drilling of several borings.
- NZVI Field Pilot Study
  - The bench scale treatability was completed
  - Two injections (tracer tests) were proposed to the agencies on September 22, 2006 and subsequently approved The injection tests were completed.
  - Based on the results of the injections tests, an additional NZVI monitoring well (NZVI-4) was installed with approval of the agencies
  - S/S/S Treatability Study Kemron commenced with Phase II of the treatability study

#### 23 Reports

#### 2 3 1 RI/FS

In preparation of the upcoming Feasibility Study (FS) for OU-3 (Feeder Creek, MFLBC), the agencies and ROC agreed on additional sampling in the MFLBC including sediment, fish, surface water and flood plain soil to have a sufficient data base for the study. The first step, the reconnaissance of sediment bodies in the MFLBC, was performed from August 1 through 15, 2005. Sediment and fish samples were taken in the week of October 10, 2005, the surface water samples in the last October week. The analytical results of the samples taken were validated by the ROC's technical consultant and submitted to the agencies. Sampling locations for the flood plain soil were determined. ROC has obtained an access agreement with the owners. The actual sampling was conducted in the week of September 18, 2006.

The technical team consisting from representatives of U.S. EPA, Ohio EPA, Golder and ROC had a kick-off meeting on September 27, 2006 in Columbus, Ohio, to commence the work on the Feasibility Study (FS) for the Feeder Creek and MFLBC.

#### 2 3 2 RD (OU-2)

The results of the ongoing PDI field investigation and lab studies are discussed in weekly conference calls between the agencies, ROC and its technical consultant.

#### 24 MEETINGS

None

#### 3 VARIATIONS FROM THE APPROVED WORK PLAN

Eastern Area Groundwater Assessment – ROC proposed and installed additional temporary wells to figure out the extent of the extent of the plume. Also an additional NZVI well as a valley fill well were installed.

#### 4 RESULTS OF SAMPLING, TESTS AND ANALYSES

The results from the sampling were and will be provided to the agencies in specific reports

#### 5 PROJECT SCHEDULE

The current Work Plan schedule identifies completion and target dates for project activities. Those scheduled to occur over the next several months include:

- Feasibility Study OU-3 (Feeder Creek, Middle Fork of Little Beaver Creek)
- o Continue PDI field work

#### 6 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

No significant difficulties were encountered.

#### 7 PERSONNEL CHANGES

None

#### 8 ANTICIPATED PROJECT ACTIVITIES FOR NOVEMBER 2006

Monthly Progress Report October 2006

- RI/FS
  - o OU-3 Feasibility Study
  - o Analysis of soil samples recovered during the floodplain sampling in September
- RD (OU-2)
  - o Continue the PDI Fieldwork
    - Complete the eastern and southern area groundwater assessments Installation, development and sampling of alternative valley fill wells Geotechnical investigation of former Ponds 3, 4 and 7.

    - Commence with the NZVI Field Pilot Test
  - o Continue the PDI Lab Tests

## TABLE 1 NEASE CHEMICAL SITE, SALEM, OHIO RI/FS AND RD (OU-2) SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE				
	RI/FS	RD (OU-2)			
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report				
August 30, 2004 September 1, 2004	US EPA Region V/ OEPA approve Endangerment Assessment Draft Feasibility Study (OU-2) submitted to the agencies for review				
September 9, 2004	Submit Monthly Progress Report				
September 13, 2004	Submit Final Revision to Endangerment Assessment				
October 8, 2004	Submit Monthly Progress Report				
November 10, 2004	Submit Monthly Progress Report				
November 22, 2004	Received Agencies' comments for draft FS (OU-2)				
December 10, 2004	Submit Monthly Progress Report				
January 10, 2005	Submit Monthly Progress Report				
February 10, 2005	Submit Monthly Progress Report				
March 1, 2005	Final Draft Feasibility Study (OU-2) submitted to agencies for review				
March 4, 2005	Submit Monthly Progress Report				
April 8, 2005	Submit Monthly Progress Report				
Aprıl 21, 2005	US EPA Region V/OEPA approve Final Feasibility Study for OU-2				
May 9, 2005	Submit Monthly Progress Report US EPA Region V published the				
May 31, 2005	Proposed Remedial Action the OU- 2 (onsite)				
June 9, 2005	Submit Monthly Progress Report				
July 8, 2005	Submit Monthly Progress Report				
August 10, 2005	Submit Monthly Progress Report				
Aug 1 – 15, 2005	MFLBC – Reconnaissance of sediment bodies				
September 9, 2005	Submit Monthly Progress Report				
September 29, 2005	US EPA Region V signs Final Record of Decision for OU-2				
October 10, 2005	Submit Monthly Progress Report				

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE				
	RI/FS	RD (OU-2)			
November 9, 2005	Submit Monthly Progress Report				
December 8, 2005	Submit Monthly Progress Report				
January 9, 2006	Submit Monthly Progress Report				
February 8, 2006	Submit Monthly Progress Report				
March 15, 2006	Submit Monthly Progress Report				
April 10, 2006	Submit Monthly Progress Report				
May 8, 2006	Submit Monthly Progress Report				
May 10, 2006		Administrative Order on Consent for OU-2 Remedial Design effective			
May 25, 2006		Submittal of draft PDI Workplan			
June 8, 2006	Submit Month	nly Progress Report			
June 9, 2006		ACO Financial Assurance – Trust Fund placed			
June 28, 2006		US EPA comments to draft PDI workplan received			
July 10, 2006	Submit Month	nly Progress Report			
July 12, 2006		Sampling of well PZ-6B-U			
Aug. 1, 2006		Submit revised PDI Workplan			
Aug 4, 2006	Submit Month	nly Progress Report			
Aug. 21, 2006		Commenced with PDI Fieldwork			
Aug. 28, 2006		Conditional Approval of PDI Workplan			
Sept. 8, 2006	Submit Month	lly Progress Report			
Sept 18,	Soil Sampling in the MFLBC Flood				
2006 Sept 27, 2006	Plain	Submit Final PDI Workplan incl response to agencies' comments			
October 8, 2006	Submit Monthly Progress Report				
Nov. 6, 2006	Submit Month	lly Progress Report			

#### NEASE CHEMICAL SITE, SALEM, OHIO REMOVAL ACTION MONTHLY PROGRESS REPORT OCTOBER 2006

#### 1.0 INTRODUCTION

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No. V-W-94-C-212, effective November 17, 1993, regarding a Removal Action for the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project. Activities planned for next month are also presented

#### 2.0 SUMMARY OF ACTIVITIES PERFORMED

#### 2 1 PROJECT ACTIVITY

The activities that were initiated and/or completed during this month are described below Activities were performed in accordance with the Removal Action AOC.

The agencies and ROC discussed modifications of the existing onsite groundwater treatment system to optimize the protection against spills. ROC summarized the modifications agreed by the parties in a letter to the agencies. The contractor bids were received and will be awarded

#### 2 2 WORK PLAN PREPARATION/REPORTS

No work plans/reports were submitted this period.

#### 23 FIELDWORK

#### 2 3 1 SITE INSPECTIONS

The results of the monthly site inspection carried out at the site on October 23, 2006 are shown in Attachment 1

#### 2.3.2 MONTHLY WATER LEVEL MEASUREMENTS

The next water level measurements will be conducted in November 2006.

#### 2 3.3 TREATMENT PLANT OPERATION

The treatment plant operated mostly normal throughout the month

#### 2 4.1.1 MEETINGS

None

#### 3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN

None

### 4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES

Water monitoring samples were collected from the treatment plant on October 3 and 17, 2006 (see Attachments 2). The results from October 17, 2006 are not available at this time. Also attached are the mirex results for samples taken on September 19, 2006 (Attachment 3) The Acute Toxicity Evaluations will occur in November 2006.

#### 5.0 PROJECT SCHEDULE

The updated Work Plan schedule identifies completion and target dates for project activities

#### 6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

As result of an OEPA site inspection in April 2004 and the overflow of the GWTP influent tank in June 2004 ROC has proposed some modification of the groundwater treatment system US EPA Region V and OEPA approved the proposed changes. Golder, ROC's consultant, has submitted a detailed design that will be subject to the agencies' review. Final modifications were agreed on during a conference call on August 16, 2005 The results were summarized in a letter report to the agencies Golder will initiate the work.

#### 7.0 PERSONNEL CHANGES

No personnel changes occurred during month.

#### 8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS

For the period from October 1 through 31, 2006 the following material was removed.

- 18,400 gallons of leachate and/or backwash water were disposed off-site at a licensed treatment facility.
- Approximately 187,787 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 =19,165,429 gal).
- Approximately 10,067 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,496,732 gal).
- No water was pumped from Pond 1 (total for the pond = 1,021,138/ gallons)
- Approximately 18 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source).

#### 9.0 ANTICIPATED PROJECT ACTIVITIES FOR NOVEMBER 2006

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving.

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1
- Implementation of planned treatment plant modifications
- Monthly Progress Report for September 2006

110606

## TABLE 1 NEASE CHEMICAL SITE, SALEM, OHIO REMOVAL ACTION SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report
September 9, 2004	Submit Monthly Progress Report
October 8, 2004	Submit Monthly Progress Report
November 10, 2004	Submit Monthly Progress Report
December 10, 2004	Submit Monthly Progress Report
January 10, 2005	Submit Monthly Progress Report
February 10, 2005	Submit Monthly Progress Report
March 4, 2005	Submit Monthly Progress Report
April 8, 2005	Submit Monthly Progress Report
May 9, 2005	Submit Monthly Progress Report
June 9, 2005	Submit Monthly progress Report
July 8, 2005	Submit Monthly Progress Report
August 10, 2005	Submit Monthly Progress Report
September 9, 2005	Submit Monthly Progress Report
October 10, 2005	Submit Monthly Progress Report
November 9, 2005	Submit Monthly Progress Report
December 8, 2005	Submit Monthly Progress Report
January 9, 2006	Submit Monthly Progress Report
February 8, 2006	Submit Monthly Progress Report
March 15, 2006	Submit Monthly Progress Report
Aprıl 10, 2006	Submit Monthly Progress Report
May 8, 2006	Submit Monthly Progress Report
June 8, 2006	Submit Monthly Progress Report
July 10, 2006	Submit Monthly Progress Report
August 4, 2006	Submit Monthly Progress Report
September 8, 2006	Submit Monthly Progress Report
October 8, 2006	Submit Monthly Progress Report
November 6, 2006	Submit Monthly Progress Report
•	

#### **ATTACHMENT 1**

## RESULTS OF MONTHLY SITE INSPECTION NEASE CHEMICAL SITE, SALEM, OHIO OCTOBER 2006

#### SITE INSPECTION FORM RUETGERS-NEASE CORPORATION Nease Site, Salem, Ohio

Date of Inspection: 10-23-06				
Entry Time: //oo Hes	Exit Time: _	1600	Hes.	
Weather: CockDy + Cock	<u> </u>			
Inspector's Name: DENHIS L.				
Inspector's Company:				

#### INSPECTION RESULTS

SPECIFIC OBSERVATIONS:

Structures

(Responses: S = Satisfactory U = Unsatisfactory Yes/No Levels Measured in Feet, N/A = Not Applicable)

	Pump	✓ Quick Connect:	Water. Level	Berm Erosion	Visible. Leakage
Leachate Collection System 1 (LCS-1)	S	S	7.14	N/A	No
Leachate Collection System 2 (LCS-2)	S	S	9.00	N/A	No
Pond 1 Pumphouse	S	S	9.25	N/A	No
Pond 1 Berm	N/A	N/A	N/A	No	No
Pond 2 Embankment	N/A	N/A	N/A	No	No
Exclusion Area A Embankment	N/A	N/A	N/A	No	No
Storage Tank	N/A	S	7.82	N/A	No
Other (specify)					



Sediment Barriers

Condition of Sediment Barriers

Barrier ID	Fabric Intact?	By Passing Evident?	Is Maintenance Necessary?
Sediment Control Structure 1	YES	No	No
Sediment Control Structure 2	YES	No	No
Fabric Barrier 2	YES	No	No
Fabric Barrier 3	Yes	No	No
Fabric Barrier 4	YES	No	No
Fabric Barrier 5	YES	No	No
Fabric Barrier 8	YES	No	No
Fabric Barrier 9	YES	No	No
Fabric Barrier 10	YES	No	No
Rock Barrier I	YES	No	No
Rock Barrier 2	YES	No	Nc
Pond 7 - North	YES	No	No
Pond 7 - South	YES	No	No

SPECIFIC OBSERVATIONS:

Seeps (if present, use more forms, as necessary)

Seep ID?	Located on Map	Areal Extention (ft.2)	Magnitude (flow?; ponding?)
94-7-1	YES	20	NON-FLOWING SEEP
96-8-2	YES	20	NON-FLOWING SEEP
		<u></u>	

Note Seep ID # equal the "nth' observed seep during the yr-month in question

ADDITIONAL OBSERVATION OR REMARKS:	
Inspector's Name: DENNIS L. LANE	_
Inspector's Signature: Lennis L. Lane	
Date: 10-23-06	

CRANE-DEMING COMPANY. **S1** 

#### **ATTACHMENT 2**

#### WATER SAMPLING RESULTS – OCTOBER 3, 2006 NEASE CHEMICAL SITE, SALEM, OHIO

### SEVERN TRENT LABORATORIES, INC. PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user. \_\_\_\_\_\_ Rutgers Organics Corporation PAGE 1 Lot #: A6J040208 SALEM, OHIO SITE Date Reported: 10/12/06 REPORTING ANALYTICAL LIMIT UNITS PARAMETER RESULT METHOD Client Sample ID: INFLUENT 10-3-06 Sample #: 001 Date Sampled: 10/03/06 12:00 Date Received: 10/04/06 Matrix: WATER Inorganic Analysis Reviewed 0.10 Nitrite as N ND mq/L MCAWW 300.0A mg/L mg/L 0.10 MCAWW 300.0A Nitrate as N ND MCAWW 350.2 2.0 Ammonia Nitrogen ND MCAWW 365.2 Total phosphorus ND 0.1 mg/L Client Sample ID: OUTFALL 10-3-06 Sample #: 002 Date Sampled: 10/03/06 12:00 Date Received: 10/04/06 Matrix: WATER

#### **ATTACHMENT 3**

#### WATER SAMPLING RESULTS/MIREX – SEPTEMBER 19, 2006 NEASE CHEMICAL SITE, SALEM, OHIO



### **Analytical Report**

### Severn Trent Laboratories

Exygen Research Project: L0009635

#### **Testing Laboratory**

Exygen Research 3058 Research Drive State College, PA 16801

#### Requester

Ken Kuzior Severn Trent Laboratories 4101 Shuffel Drive NW North Canton, OH 44720

> 3058 Research Drive State College, PA 16801, USA T: 814.272.1039 F: 814.231.1580 exygen.com

PAGE 1 OF 3

#### Introduction

Results are reported for the analysis of three samples for mirex, photomirex, and kepone. The samples were received from Severn Trent Laboratories. The samples are part of the Rütgers Organics Corporation October Sampling Event.

#### 2 Sample Receipt

The sample shipments were logged in and given unique Exygen laboratory identification numbers. The samples were stored refrigerated at 4°C from time of receipt until analysis. A copy of the custody documents, and sample login reports are presented in Attachment A. Listed below is the sample receipt information for the project received.

Sample Identification	Exygen ID	Date Sampled	Date Received	Sample Matrix
A61190260-1 Influent	L0009635-0001	9/19/06	9/20/06	Water
A61190260-2 LGAC 2-3 9-19-06	L0009635-0002	9/19/06	9/20/06	Water
A61190260-3 Outfall 9-19-06	L0009635-0003	9/19/06	9/20/06	Water

#### 3 Sample Analysis

#### 3.1 Analysis

Listed in Table 1 are the parameters, methods and laboratory performing each of the analysis.

Table 1

Parameter	Method	Laboratory
mirex, photomirex, kepone (MPK)	SOP 6.2	Exygen Research

#### 3.2 Holding Times

All holding times were met for the requested analysis.

#### 3.3 Quality Control

Quality control included those parameters prescribed by each method or SOP.

#### 3.4 Sample Related Comments

There were no problems related to the analysis of this sample.

#### 4 Data Summary

Results are reported in Attachment B.

#### 5 Data/Sample Retention

Samples are disposed of one month after the report is issued unless otherwise specified. All electronic data is archived on retrievable media and hard copy reports are stored in data folders maintained by Exygen Research. Hardcopy data is stored for a minimum of five years.

#### 6 Attachments

- 6.1 Attachment A: Chain-of-Custody
- 6.2 Attachment B: Data Summary, Exygen Research

: Signatures

Charles Simons, Operations Manager

Exygen Research



#### 3058 Research Drive State College, PA 16801

Phone: 814-272-1039 Fax: 814-231-1580

Login Group: L0009635

Login #:

9746

Conform COC Sample:

True

Project:

P0002201

Conform COC:

True

Company Name:

Severn Trent Laboratories

Conform Sample:

True

Submitted By:

Ken Kuzior

Conform Request:

True

Login Type:

Immediate Receipt of Samples

Started:

True

Date Start:

09/20/2006

Due Date:

09/30/2006

Login Initiated\*:

09/20/2006

\* Dates entered into "Login Initiated" field prior to 1/5/06 reflect dates of receipt. The field was formerly called "Received Date"

Received By:

Ammerman, Mark

Spread Sample:

Label:

Exygen SD/PI:

Simons, Charles

Project Title/Type: Analysis of water and soil samples for Mirex, Photomirex, and Kepone (MPK) / ROUTINE

Login Notes:

Packages	/ Containers
I achades	/ Outlianicia

į	<u>Package</u>	age Carton Date / Condition		<u>s</u> i	Shipper / ID Temp. Control/Temp.			Direction / Handled By		
}	PK0011524		ed Date: 9/2 & Contents	20/06 10:28 Uncompromise	d 698	FEDEX 3 4581 9411	Wet Ice 5.1		RECEIVED nerman, Mark	
}	Container # C0209138	Gross Weight 1,354.40 g	pН	Container Ty 1 liter amber gl		reservative NONE	Mfg. Lot		Mfg, 1D	
1	C0209139	1,365.70 g		1 liter amber gl	ass	NONE				
}	C0209140	1,366.90 g		1 liter amber gl	ass	NONE				
1	C0209141	1,349.50 g		1 liter amber gl	ass	NONE	•			
}	C0209142	1,370.20 g		1 liter amber gl	ass	NONE				
٠	C0209143	1,368.50 g		1 liter amber gl	ass	NONE				
1										
ı					Sam	oles				
	<u>Sample ID</u> L0009635-000	<u>Container</u> 01 C0209138 C0209139	<u>Matrix</u> LIQUID	<u>Fraction</u> Water	<u>Sample</u> A61190260-1			<u>e Sampled</u> //19/2006	<u>Date Due</u> 09/30/2006	
}	L0009635-000	02 C0209140 C0209141	LIQUID	Water	A61190260-2		09	/19/2006	09/30/2006	
	L0009635-000	03 C0209142 C0209143	LIQUID	Water	A61190260-3		09	/19/2006	09/30/2006	

Bul MCW

Date/Time:

9-22-6

Laboratory

Exygen

3058 RESEARCH DRIVE

Severn 1 rent Laboratories, Inc. SAMPLE ANALYSIS REQUISTION

SR085053

2×40

Lab Request

Report Package:

Report

Need Analytical Report 2006-10-03

STATE COLLEGE, PA

16801

Project Manager:

KEN KUZIOR

Sample I.D. A6I190260-1

A6I190260-2

A6I190260-3

Work Order Number JEK6O

JEK6W

Client Code:

Client Sample ID

INFLUENT

LGAC 2-3 9-19-06

**OUTFALL 9-19-06** JEK69

428005

Sampling Date

**Analysis Required** 

2006-09-19 13:00

WATER, SOP 6.2, Pests (MPK) - Exygen

2006-09-19 13:00

WATER, SOP 6.2, Pests (MPK) - Exygen

2006-09-19 13:00

WATER, SOP 6.2, Pests (MPK) - Exygen

Please use Client Sample ID for report

Call KEN KUZIOR with questions at 330-497-9396

Need detection limit and analysis date included in report.

Please send a signed copy of this form with the report at completion of analysis.

Relinquished by:

Relinquished by:

Received for lab by:

Date/Time: 9/19/06 4:00pm.

Date/Time:

PLEASE RETURN ORIGINAL SAMPLE ANALYSIS REQUISITION

Shipping Method:

FED-EX

DID PHDA SHIPPER STILL SHUFFEL DR NW Ship Date 195EP06 Actigt 30 0 LB MAN System#: 507102/CAFE2908 Account: 5 185538727 NORTH CANTUN, OH 44720 UNITED STATES US (330) 966-9677 TO SAMPLE RECIEVING EXYGEN LAB 3058 RESERRCH DR. STATE COLLEGE, PA 16801 REF: PC. Inv: Delivery Address Barcods BILL SENDER PRIORITY OVERNIGHT Deliver B: 6983 4581 9411 6201 20SEP06 AA. 16801 -PA-US Part # 154250-354 NRIT 5-05





Client ID: A61190260-1 Influent

Lab ID: L0009635-0001

PARAMETER	UNITS	RESULT		LIMIT OF QUANTITATION	TEST METHO	D TEST DATE	ANALYST
PESTICIDE ANALYSIS	•	l		İ			
KEPONE	ug/L	ט	0.042	0.042	SOP 6.2	16-Oct-06	cs
PHOTOMIREX	· ug/L	ט	0.006	0.006	SOP 6.2	16-Oct-06	cs
MIREX	. ug/L	1	0.179	0.002	SOP 6.2	16-Oct-06	cs

Client ID: A61190260-% LGAC 2-3 9-19-06

Lab ID: L0009635-0002

PARAMETER	UNITS		Resul <b>t</b>	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
DECOMPORATE ANALYSIS		1	•				
<u>PESTICIDE ANALYSIS</u> KEPONE	ug/L	Ū	0.042	0.042	SOP 6.2	16-Oct-06	cs
PHOTOMIREX	ug/L	Ū	0.006	0.006	SOP 6.2	16-Oct-06	CS
MIREX	ug/L	σ	0.002	0.002	SOP 6.2	16-Oct-06	cs

Client ID: A61190260-3 Outfall 9-19-06

Lab ID: L0009635-0003

PARAMETER	UNITS		RESULT	LIMIT OF QUANTITATION	TEST 1	METHOD	TEST DATE	ANALYST
PESTICIDE ANALYSIS		Į		1				
KEPONE	ug/L	ט	0.042	0.042	SOP	6.2	16-Oct-06	CS
PHOTOMIREX	ug/L	ט	0.006	0.006	SOP	6.2	16-Oct-06	CS
MIREX	ug/L	ט	0.002	0.002	\$OP	6.2	16-Oct-06	CS
				1	٠			

